



PRODUCT DATA SHEET

Oilzum Diesel Plus 10W30 CK-4

Oilzum Diesel Plus 10W30 engine oil is a premium heavy-duty "engine oil that exceeds the current requirements of API CJ-4 and is suitable for use in '07 EPA compliant low emission engines which employ advanced exhaust aftertreatment devices such as diesel particulate filters (DPFs) with or without diesel oxidation catalysts (DOCs), and increased rates of Exhaust Gas Recirculation (EGR). This product is also suitable for use in engines powered by both ultra low and low sulfur diesel. Oilzum Diesel Plus is back serviceable and carries the API CJ-4, CI-4 +, CI-4, CH-4 and CG-4 licenses required by pre-'07 diesel engines.

Diesel Engine Manufactures, Caterpillar ECF-3 /2/ 1-a, Cummins CES 20081, Suitable for use in legacy Mack and Volvo engines.

Light diesel, gasoline and CNG engines, suitable for diesel powered engines in smaller vehicles. Exceeds the latest gasoline engine oil specification and is suitable for passenger cars and light duty trucks where API SM or earlier specifications are required. Suitable for use in wet clutch applications where JASO MA is recommended.

Features and Benefits:

- Emission system friendly
- Enhanced soot control (40 improvement)
- Maintains shear stability (5x more capable)
- Reduced oxidative thickening (maintains low temperature performance)
- Reduced oil consumption (reduced by 20, less need for top-up oil)
- Reduced valve train wear (30 improvement, extends engine life)
- Reduced piston deposits (reduced by 45, maintains engine power and fuel efficiency)
- Corrosion protection (30 improvement)

APPLICATIONS: Oilzum Diesel Plus 15W40 meets or exceeds: Mack EO-O Premium Plus '07, Mack Premium Plus EO-N '03, Mack EO-N Premium Plus, Mack EO-MLEO-M Plus, Caterpillar ECF-3, Caterpillar ECF-2, Caterpillar ECF-1-2, JASO MA, Cummins CES 20081, Volvo VDS-4, Volvo VDS-3, Volvo VDS-2. Oilzum Diesel Plus 15W40 has Credentials for MB 228.31, ACEA E2, E7, (E3, E5), Scania LDF, LDF-2

TYPICAL PROPERTIES:

SAE Grade	10W-30
Gravity, ASTM D 4052 °API	30.9
Pounds Per Gallon	7.26
Flash Point, ASTM D 92 (COC), of (OC)	430 (221)
Viscosity, ASTM D 445, cSt at 100°C	11.1
ASTM D 445, cSt at 40°C	80.0
Viscosity Index, ASTM D 2270	142
HTHS Rate Vis at 150°C & 106sec-1, cP	4.3
Pour Point, ASTM D 97, °F (°C)	-36(-38)
Sulfated Ash, ASTM D 874, %m	<1.0
TBN (Total Base No.), ASTM D 2896	10.3
Borderline Pumping Viscosity cP @ C °	-25

8.0

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All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. The test results listed are typical properties only. DENNISON LUBRICANTS, INC. strives for continuing improvement in all of our products. Slight formula and blending changes may result in minor color and/or appearance changes.